WT610E

Digital installation projectors

Goes where no projector has gone before.

SMART DESIGNS ENABLE VERSATILE ACTIONS

- **Space saving design.** Achieve up to a 100" diagonal image from 25.95" away from the screen.
- **Designed to fit** into the smallest of rooms.
- **Network connectivity.** Communicate with the projector with or without wires through an existing infrastructure or an on-the-fly peer-to-peer connection (802.11b/g).
- **USB flexibility.** Play back presentations or display images stored as .jpgs from standard USB keys.
- **Project on almost any color wall.** Preset selections provide for adaptive color tone correction when projecting onto non-white screen material or walls.
- **Extensive connections** to virtually any source through HDTV, S-video, component, or composite video.
- **Adapts for special needs.** ADA508-compliant for hearing-impaired and colorblind users supporting closed caption display and black & white menu options.
- **Pincushion adjustment.** Maximize image display with fine tune pincushion adjustments that reduce barrel distortion.
- **AutoSense**™ intuitively syncs the projector with most computer signals and features one-touch image optimization.

AMAZING IMAGES ENABLE STUNNING PRESENTATIONS

- **High resolution display.** XGA (1024 x 768) native resolution, compatible with computer signals up to UXGA (1600 x 1200).
- **High contrast.** 3500:1 enables varying levels of black to be displayed by the projector for improved video quality.
- **Bright.** 2,000 ANSI lumens.
- **Real life colors.** VORTEX Technology Plus™ breakthrough image processing technology improves white balance, color accuracy, dynamic range and varying levels of black in an image.
- **HDTV capable.** HD signal compatibility for the best video quality.
- **Advanced AccuBlend**™**.** Ensures detailed images even when non-native resolution sources are connected to the projector.
- **Color management.** Automatically adjusts for input type (presentation, movie, video, graphic and sRGB).
- **Variable audio out.** Control external amplified audio through the projector.
- **Enhanced video.** DLP™ technology enables real life video.

NEC IS A LEADER IN DEVELOPING TECHNOLOGIES TO EXTEND PROJECTOR LIFE

- **Extended lamp life.** ECO Mode™ technology increases lamp life by up to 100% for up to 4000 hours.
- **Security features.** Enhanced multi-level security features protect your investment.
  - **Integrated lock slot.** Attach a security cable to physically lock down the projector
  - **Cabinet control lock.** Lock cabinet control keys to prevent unauthorized access.
  - **Logo lock.** Restricts changes to logo saved in projector memory
  - **Password protection.** Restricts unauthorized use of projector
- **E-mail notification** when maintenance is due
- **Quiet operation.** Low operating noise at < 32dB in ECO Mode.
- **Sleep timer setting** enables projector to automatically shut down.

Features and Benefits

REVOLUTIONARY LENSLESS TECHNOLOGY

UP TO 4000 HOUR LAMP LIFE

EYE-CATCHING DESIGN

INSTALLATION FLEXIBILITY

100 IMAGE SIZE AT LESS THAN 26" THROW DISTANCE

FITS IN INCREDIBLY SMALL SPACES

EXTENSIVE CONNECTIONS

UNIQUE FEATURES

3D Reform™ allows you to square the image by adjusting horizontally, vertically or diagonally when the projector cannot be placed parallel or perpendicular to the screen

Advanced AccuBlend™ ensures detailed images when non-native resolution sources are connected to the projector

VORTEX™ **Technology Plus** improves white level, color accuracy, dynamic range and varying levels of black in an image

Built-in wall color correction presets provide for adaptive color tone correction to display properly on non-white surfaces

AutoSense™ automatically syncs with any computer signal and features one-touch image optimization

Security bar and Kensington lock slot enables security cable to be attached to the projector

64-step image magnification with location control

Sleep timer can be set to automatically turn off the projector

WARRANTY

Registered owners receive a 2-year parts and labor warranty. RepairCare™ is provided during the first year of coverage for registered owners. RepairCare provides the original owner with 3-business day repair and return of the projector. When used under normal operating conditions, the lamp is covered for 90 days or 500 hours, whichever comes first.

IN THE BOX

Users manual, wired/wireless remote control, D-sub signal cable, DVI-D signal cable, DVI-A – D-sub signal cable, audio cable, USB A-B cable, power cable, set up guide, registration card

Specifications for WT610E

OPTICAL	
Display Technology	Single chip 12 degree DMD
Resolution	
Native	XGA 1024 x 768
Maximum	UXGA 1600 x 1200
Light Output (lumens)	2000 normal, 1500 eco
Contrast Ratio	3500:1
Lamp Type	275W DC
Lamp Life (up to)	2000 hours normal / 4000 hours eco
Screen Size (diagonal)	40 to 100 in.
Projection Distance	2.5 to 25.9 in. / 64 to 659mm
Projection Angle	55°
Keystone Correction	+/- 5 degrees horizontal, +/- 5 degrees vertical
SIGNAL COMPATIBILITY/CONNECTIVITY	
Scan Rate	Horizontal 15 – 100 kHz (non-interlaced) / Vertical 50 – 120 Hz
Supported Video Standards	NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM
SD/HD Video Signal Compatibility	1080i, 720p, 576p, 576i, 480p, 480i
PC Signal Compatibility	VGA, SVGA, XGA, SXGA, SXGA+, UXGA
Macintosh Compatibility	Yes
Input/Output Terminals	
RGB 1 (analog)	15 pin
RGB2 (analog)	DVI-I with HDCP
Video 1	Composite
Video 2	S-Video
Audio	L/R RCA, (2) mini stereo
Audio Out	Variable audio out
Monitor Out	Yes
Audio	1W x 2 speaker
External Control	RS-232, LAN (AMX/Crestron compatibility), remote in
Sync Compatibility	Separate Sync / Composite Sync / Sync on G
Networking	Wired LAN using integrated RJ45, 802.11b/g wireless with optional card
ELECTRICAL	
Power Req.	100 – 240V AC, 50/60Hz
Input Current	3.9A (100V) / 1.7A (240V)
Power Consumption	370W normal / 300W eco / 0.6W standby / 8W idle mode
MECHANICAL	
Installation Orientation	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Dimensions (WxDxH)	14.96 x 12.32 x 12.32 in. / 380 x 313 x 313mm
Net Weight	14.1 lbs. / 6.4 kg
Fan Noise	< 37dB normal / 32dB eco
Regulations	USA UL 1950 FCC Class B, Canada CSA950 (C-UL), NOM
ENVIRONMENTAL	
Operational Temp	41° – 95°F / 5° – 35°C
Humidity	20-80% non-condensing
Storage	14° – 122°F / -10° – 50°C
ACCESSORIES	
WT61LP	Replacement lamp
WT60CM	Ceiling mounting kit
WT60ATA	ATA shipping case
NWL-100A	802.11b/g wireless LAN PC card
WTPL-01	Extends term of limited parts and labor warranty to three years

Additional accessories are available, including screens, carts, mount accessories and replacement cables.
Visit www.necdisplay.com for details.

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